

- ◆ software requirements creation from folklore to analysis, SW components and from business to systems and technology, Software engineering survey)
 September 2005 **SI GSOFT Software Engineering Notes**, Volume 30 Issue 5
Publisher: ACM
 Full text available: Pdf (1.98 MB) Additional Information: full citation, index terms
Bibliometrics: Downloads (6 Weeks): 46, Downloads (12 Months): 325, Citation Count: 0

- 5 Queue:** Volume 6 Issue 1
 ◆ January 2008 Queue
Publisher: ACM
 Full text available: Digital Edition , Pdf (6.04 MB) Additional Information: full citation, index terms
Bibliometrics: Downloads (6 Weeks): 117, Downloads (12 Months): 481, Citation Count: 0

- 6 A generic component model for building systems software**
 ◆ Geoff Coulson, Gordon Blair, Paul Grace, Francois Tariq, Ackbar Joolia, Kevin Lee, Jo Thirunavukkarasu, Sivaharan
 February 2008 **Transactions on Computer Systems (TOCS)**, Volume 26 Issue 1
Publisher: ACM
 Full text available: Pdf (603.88 KB) Additional Information: full citation, abstract, references, inc
Bibliometrics: Downloads (6 Weeks): 66, Downloads (12 Months): 994, Citation Count: 6

Component-based software structuring principles are now commonplace at the app componentization is far less established when it comes to building low-level system Although there have been pioneering efforts in applying componentization ...

Keywords: Component-based software, computer systems implementation

- 7 Web browser accessibility using open source software**
 ◆ Željko Obrenović, Jacco van Ossenbruggen
 May 2007 **W4A '07: Proceedings of the 2007 international cross-disciplinary conference on accessibility (W4A)**
Publisher: ACM
 Full text available: Pdf (505.76 KB) Additional Information: full citation, abstract, references, inc
Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 253, Citation Count: 0

A Web browser provides a uniform user interface to different types of information. interface universally accessible and more interactive is a long term goal still far fro Universally accessible browsers require novel interaction ...

Keywords: middleware, open source software, software platform, user interfaces,

- 8 Striving for versatility in publish/subscribe infrastructures**
 ◆ Roberto S. Silva Filho, David F. Redmiles
 September 2005 **SEM '05: Proceedings of the 5th international workshop on Software middleware**
Publisher: ACM
 Full text available: Pdf (280.13 KB) Additional Information: full citation, abstract, references, cite review
Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 29, Citation Count: 1

Publish/subscribe infrastructures are used as the basic communication and integrat many application domains. The majority of those infrastructures, however, fall shor

that allow their customization and configuration to ...

Keywords: event-based middleware, flexible architecture, notification servers, plu extensible languages application, publish/subscribe

9 Reconceptualizing a Family of Heterogeneous Embedded Systems via Explicit Support

Sam Malek, Chiyoung Seo, Sharmila Ravula, Brad Petrus, Nenad Medvidovic
May 2007 **ICSE '07: Proceedings of the 29th international conference on Software Engineering**
Publisher: IEEE Computer Society

Full text available:  [Pdf \(405.40 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 49, Citation Count: 4

It has been widely advocated that software architecture provides an effective set of engineering (families of) complex software systems. However, architectural concepts are supported directly at the level of system implementation. ...

10 System Software for Audio and Visual Networked Home Appliances on Communication Systems

Tatsuo Nakajima
November 2001 **Middleware '01: Proceedings of the IFIP/ACM International Conference on Systems Platforms** Heidelberg
Publisher: Springer-Verlag

Full text available:  [Pdf \(371.41 KB\)](#) Additional Information: [full citation](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 3

11 Content sharing middleware for mobile devices

Petros Belimpasakis, Juha-Pekka Luoma, Mihaly Börzsei
February 2008 **MOBILWARE '08: Proceedings of the 1st international conference on Middleware, Operating Systems, and Applications**
Publisher: ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering)

Full text available:  [Pdf \(706.62 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 156, Citation Count: 0

As mobile smart phones have evolved being converged devices, they are able to get consume different types of high quality content, such as images, music and video. to share, synchronize and archive their content, lead to the ...

Keywords: Symbian, content, middleware, mobile devices, sharing

12 A web-based resource migration protocol using WebDAV

 Michael Evans, Steven Furnell
May 2002 **WWW '02: Proceedings of the 11th international conference on World Wide Web**
Publisher: ACM

Full text available:  [Pdf \(296.85 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 27, Citation Count: 0

The web's hyperlinks are notoriously brittle, and break whenever a resource migrates. This problem is a transparent resource migration mechanism, which separates a resource from its identity, and helps provide referential integrity. ...

Keywords: WebDAV, link rot, referential integrity, resource locator service, resource protocol, web

13 WADE: a software platform to develop mission critical applications exploiting a workflows

Giovanni Caire, Danilo Gotta, Massimo Banzì

May 2008 **AAMAS '08: Proceedings of the 7th international joint conference on Autonomous and multiagent systems: industrial track**

Publisher: International Foundation for Autonomous Agents and Multiagent Systems

Full text available: [Pdf \(466.09 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 81, Citation Count: 0

In this paper, we describe two mission critical applications currently deployed by Telecommunications Operations Support System domains. The first one called "Network Neutral Element" implements a mediation layer between network elements and ...

Keywords: JADE, OSS, XPDL, flexibility, open source, scalability, software agent, telecommunication, network, workflow

14 A modular implementation framework for code mobility

Cidiane Lobato, Alessandro Garcia, Carlos Lucena, Alexander Romanovsky

October 2006 **Mobility '06: Proceedings of the 3rd international conference on Mobile applications & systems**

Publisher: ACM

Full text available: [Pdf \(153.52 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 36, Citation Count: 1

With the growing popularity of open distributed applications, mobile agents have now become as the fundamental technique for tackling the complexity of the emerging applications. The pervasive nature of code mobility issues implies that ...

Keywords: aspect-oriented programming, mobile agent, mobility platform

15 Mobile media: making it a reality

Fred Kitson

May 2005 **Queue , Volume 3 Issue 4**

Publisher: ACM

Full text available: [Html \(31.52 KB\)](#), [Pdf \(528.08 KB\)](#) Additional Information: [full citation](#), [abstract](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 126, Downloads (12 Months): 276, Citation Count: 0

Two prototype apps reveal the challenges in delivering mobile media services.

16 Using XML and related standards to support Location Based Services

Anastasios Ioannidis, Manos Spanoudakis, Panos Sianas, Ioannis Priggiouris, Stathis I. Lazaros Merakos

March 2004 **SAC '04: Proceedings of the 2004 ACM symposium on Applied computing**

Publisher: ACM

Full text available: [Pdf \(270.83 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 81, Citation Count: 1

Location Based Services can be considered as the most rapidly expanding field of telecommunications sector. The proliferation of the mobile/wireless Internet, the const

use of handheld, mobile devices and positioning technologies ...

Keywords: Web Services, XML, location based Services

- 17 A reflective middleware for controlling smart objects from mobile devices
 Diego López de Ipiña, Iñaki Vázquez, Daniel García, Javier Fernández, Iván García
 October 2005 **sOc-EUSAI '05**: Proceedings of the 2005 joint conference on Smart obj
 intelligence: innovative context-aware services: usages and technologie:
Publisher: ACM

Full text available:  Pdf (199.19 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 47, Citation Count: 0

Mobile devices are mainly used for communication, entertainment, and as electroni
 However, their increasing computational, storage, communicational and multimediat
 them suitable for previously unexpected scenarios such as ...

- 18 An Open Web Services Architecture

 Stan Kleijnen, Srikanth Raju
 March 2003 **Queue**, volume 1 Issue 1
Publisher: ACM

Full text available:  Html (24.96 KB),  Pdf (1.59 MB) Additional Information: [full citation](#), [abstract](#), [cl](#)

Bibliometrics: Downloads (6 Weeks): 190, Downloads (12 Months): 489, Citation Count: 5

The name of the game is web services—sophisticated network software designed to
 need, when we need it, through any device we choose. We are getting closer to thi
 recent years the client/server model has evolved ...

- 19 Implementing open standards: a case study of the Massachusetts open format
 Rajiv Shah, Jay Kesan, Andrew Kennis

May 2008 **dg.o '08**: Proceedings of the 2008 international conference on Digital gov
Publisher: Digital Government Society of North America

Full text available:  Pdf (370.60 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [inc](#)

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 139, Citation Count: 0

In 2003, Massachusetts embarked on a policy to transition to open standards for in
 technology. This article documents this historic process as Massachusetts was the f
 set an open standards policy. The article also analyzes ...

Keywords: open standards, public policy, standards

- 20 Pluggable verification modules: an extensible protection mechanism for the JV

 Philip W. L. Fong
 October 2004 **OOPSLA '04**: Proceedings of the 19th annual ACM SIGPLAN conference
 programming, systems, languages, and applications
Publisher: ACM

Full text available:  Pdf (224.39 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cita](#)
[review](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 49, Citation Count: 1

Through the design and implementation of a JVM that supports Pluggable Verificati
 (PVMs), the idea of an extensible protection mechanism is entertained. Link-time b
 verification becomes a pluggable service that can be readily replaced, ...

Keywords: Aegis VM, Java virtual machine, bytecode verification, extensible prote extensible systems, mobile code security, pluggable verification modules, proof link

Also published in:

October 2004 **SIGPLAN Notices** Volume 39 Issue 10

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